

CLAIMS

- 1 1. A pumping system comprising,
2 a source of fluid for selective pressurization,
3 a mechanism for applying pressure to said fluid,
4 a conduit for selectively carrying said fluid from said source when said
5 fluid is pressurized, and
6 a container of a viscous material connected to said conduit to receive
7 pressurized fluid from said conduit to selectively force said viscous material from said
8 container.

- 1 2. The system recited in claim 1 wherein,
2 said conduit is a flexible tube.

- 1 3. The system recited in claim 1 wherein,
2 said source of fluid comprises a reservoir for storing said fluid.

- 1 4. The system recited in claim 1 wherein,
2 said fluid is an incompressible liquid.

- 1 5. The system recited in claim 1 wherein,
2 said container comprises a syringe.

- 1 6. The system recited in claim 1 including,
2 handle means for supporting said source of fluid.

1 7. The system recited in claim 6 wherein,
2 said mechanism for applying pressure to said fluid comprises,
3 trigger means mounted to said handle means for selectively applying
4 pressure to said fluid in said source of fluid.

1 8. The system recited in claim 6 including,
2 housing means formed with said handle means, and
3 valve means mounted in said housing means for controlling the movement
4 of said fluid from said source of fluid through said conduit.

1 9. The system recited in claim 1 including,
2 connector means for connecting said conduit to said container.

1 10. The system recited in claim 9 wherein,
2 said connector means rotates about said conduit to permit selective
3 bleeding of air from said container.

1 11. The system recited in claim 5 wherein,
2 said syringe includes a plunger movable therein.

1 12. The system recited in claim 1 including,
2 a manual pressure release mechanism operatively connected to said
3 source of fluid for selectively relieving pressure from said fluid.

1 13. A pumping system comprising,
2 a source of fluid for selective pressurization,
3 handle means for supporting said source of fluid.

4 a mechanism for applying pressure to said fluid,
5 said mechanism comprises,
6 trigger means mounted to said handle means for selectively applying
7 pressure to said fluid in said source of fluid,
8 a conduit for selectively carrying said fluid from said source when said
9 fluid is pressurized, and
10 a container of a viscous material connected to said conduit to
11 receive pressurized fluid from said conduit to selectively force said viscous material
12 from said container.

1 14. The system recited in claim 13 including,
2 housing means formed with said handle means,
3 valve means mounted in said housing means for controlling the movement
4 of said fluid from said source of fluid through said conduit, and
5 connector means for connecting said conduit to said container.

1 15. The system recited in claim 10 wherein,
2 said connector includes,
3 a hollow housing for receiving an end of said conduit through an axial
4 opening therein,
5 a set screw threadedly engaged with the interior of said hollow housing
6 and surrounding said end of said conduit,
7 seal means surrounding said end of said conduit, and
8 ferrule means surrounding said end of said conduit,

9 said set screw adapted to force said ferrule means and said seal means
10 into contact with the interior of said hollow housing to provide a seal around said conduit
11 in said hollow housing.